

Application No.: 09/895,768
Amendment dated: June 27, 2006
Reply to Office Action dated: April 4, 2006

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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method comprising:

Rendering of full frames at a whole number multiple of a digital video resolution value defining the number of pixels contained in each full frame and at a whole number multiple of a temporal resolution value defining the rate of display of the full frames on a computer screen;
Resizing each said full frames to produce a plurality of frames that are antialiased; and
Blending each consecutive frame.

2. (Currently Amended) A method comprising:

Rendering of full frames at a whole number multiple of a digital video resolution value defining the number of pixels contained in each frame and at a whole number multiple of a temporal resolution value defining the rate of display of said full frames on a computer screen;
Resizing each said full frames to produce a plurality of frames that are antialiased;
Blending each consecutive frame;
Blending the colors and images depicted in pixels that are within a gaussian blur radius value of a center pixel, wherein the number of pixels blended is proportional to a gaussian blur radius;
Separating each full frame into a first and second field, wherein the first field contains the even lines of a frame and the second field contains the odd lines of a frame; and
Alternately displaying the first and second fields of each frame, the first field of each frame with the second field of each frame.

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3. (Original) The method of claim 1, wherein blending the colors and images depicted in pixels that are within a gaussian blur radius value of a center pixel is performed, wherein the number of pixels blended is proportional to a gaussian blur radius.
4. (Original) The method of claim 1, wherein separating each frame into a first and second field, the first field contains the even lines of a frame and the second field contains the odd lines of a frame.
5. (Original) The method of claim 1, wherein alternately displaying the first and second fields of each frame, the first field of each frame with the second field of each frame.
6. (Original) The method of claim 1, wherein resizing each full frame to produce antialiased frames is performed with bicubic interpolation.
7. (Original) The method of claim 1, wherein each pair of consecutive frames is blended by averaging corresponding pixel values of each frame.
8. (Original) The method of claim 1, wherein gaussian blurring of a non-zero pixel radius is performed that blends the colors and images depicted in pixels that are within a gaussian blur radius value of a center pixel.
9. (Original) The method of claim 2, wherein resizing each full frame to produce antialiased frames is performed with bicubic interpolation.

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10. (Original) The method of claim 2, wherein each pair of consecutive frames is blended by averaging corresponding pixel values of each frame.

11. (Original) The method of claim 2, wherein gaussian blurring of a non-zero pixel radius is performed that blends the colors and images depicted in pixels that are within a gaussian blur radius value of a center pixel.

12. (Original) The method of claim 3, wherein the gaussian blur pixel radius is 0.2.

13. (Original) The method of claim 3, wherein the gaussian blur pixel radius is greater than 0.2.

14. (Original) The method of claim 3, wherein the gaussian blur pixel radius is less than 0.2.

15. (Previously Presented) The method of claim 1, wherein said rendering step is implemented using commercial software.

16-18 (Cancelled)

19. (Currently Amended) A video conversion system, the system comprising:

A computer terminal configured and operative to define ing the number of pixels contained in each frame of full frames that are to be rendered at a whole number multiple of a

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digital video resolution value and that are to be rendered at a whole number multiple of a temporal resolution value defining the rate of display of full frames;

said computer terminal is further configured and operative to resize said full frames to produce a plurality of frames that are to be antialiased and that are to be blends of each consecutive frame.

A computer screen attached to said terminal.

20. (Cancelled)

21. (Currently Amended) The system of claim 20, wherein the colors and images depicted in pixels located at identically numbered pixel points in each frame are blended together.

22. (Original) The system of claim 21, wherein each frame is separated into a first and second field.

23. (Original) The system of claim 22, wherein the first field contains the even lines of a frame and the second field contains the odd lines of a frame.

24. (Original) The system of claim 23, wherein the first and second fields of each frame are interlaced and displayed alternately.

25. (Original) The system of claim 24, wherein each full frame is resized to produce antialiased frames using bicubic interpolation.

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26. (Original) The system of claim 25, wherein each pair of consecutive frames is blended by averaging corresponding pixel values of each frame.

27. (Original) The system of claim 26, wherein gaussian blurring is performed that blends the colors and images depicted in pixels that are in proximity to one another in each frame.

28. (Original) The system of claim 27, wherein the gaussian blur pixel radius is 0.2.

29. (Original) The system of claim 28, wherein the gaussian blur pixel radius is greater than 0.2.